

XP-002233398

AN - 2001-107914 [12]

AP - JP19990153716 19990601

CPY - DNIN

DC - A25 A82 G02

FS - CPI

IC - B01F3/08 ; B01F11/00 ; C08G18/00 ; C08G18/32 ; C08J3/02 ; C08L75/04

MC - A05-G01B A07-B04 A11/A03 G02-A02H G02-A05

PA - (DNIN) DAINIPPON INK & CHEM INC

PN - JP2000336173 A 20001205 DW200112 C08J3/02 013pp

PR - JP19990153716 19990601

XA - C2001-032389

XIC - B01F-003/08 ; B01F-011/00 ; C08G-018/00 ; C08G-018/32 ; C08J-003/02 ;
C08L-075/04

AB - JP2000336173 NOVELTY - Manufacture of resin aqueous dispersing element involves supplying pre-emulsified mixed liquor of water and resin to an apparatus equipped with hole and flat vibrational object (FVO), applying pressure to apparatus, colliding the mixed liquor with FVO using an unit, oscillating FVO using an unit, ejecting the mixed liquor from the hole using an unit and emulsifying the mixed liquor.

- DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for manufacture of polyurethane resin aqueous dispersing element which involves emulsifying the mixed liquor and subsequently performing reaction of emulsified liquid with the polyamine.

- USE - For manufacturing resin aqueous dispersing element, especially polyurethane resin aqueous dispersing element.

- ADVANTAGE - The resin aqueous dispersing element is manufactured easily and efficiently. The resin aqueous dispersing element is excellent in long-term stability or long-term mechanical stability. The content of hydrophilic atom or group, or the amount of emulsifier used, is less. The polyurethane resin aqueous dispersing element is excellent in transparency, smoothness, glossiness, water resistance, mechanical strength and adhesion of skin layer.

- (Dwg.0/6)

IW - MANUFACTURE RESIN AQUEOUS DISPERSE ELEMENT COLLIDE PRE EMULSION MIX LIQUOR WATER RESIN FLAT VIBRATION OBJECT OSCILLATING EJECT EMULSION LIQUOR

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NC - 001

OPD - 1999-06-01

ORD - 2000-12-05

PAW - (DNIN) DAINIPPON INK & CHEM INC

TI - Manufacture of resin aqueous dispersing element involves colliding pre-emulsified mixed liquor of water and resin, with flat vibrational object which is oscillated, and ejecting and emulsifying the liquor

A01 - [001] 018 ; P1592-R F77 D01 ; S9999 S1025 S1014 ; L9999 L2391 ;
L9999 L2824 ; M9999 M2824

- [002] 018 ; ND07 ; N9999 N5947 ; N9999 N6360 N6337 ; B9999 B4397

B5301 B5298 B5276
- [003] 018 ; A999 A635 A624 A566